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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>		
				Application Number	10/033,141	
				Filing Date	2001-10-24	
				First Named Inventor	NIKOLAI K.N. LEUNG	
				Art Unit	2461	
				Examiner Name	MATTIS, JASON E	
Sheet	1	of	5	Attorney Docket No: 010438B1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	001	US5164988	11-17-1992	MATYAS; Stephen M. et al.	
	002	US5237612	08-17-1993	RAITH; Alex K.	
	003	US5241598	08-31-1993	RAITH; Krister A.	
	004	US5748736	05-05-1998	MITTRA; Suvo.	
	005	US5778059	07-07-1998	LOGHMANI; Masoud. et al.	
	006	US6295361	09-25-2001	KADANSKY; Miriam C. et al.	
	007	US6473858	10-29-2002	SHIMOMURA; Tsutomu. et al.	
	008	US6658463	12-02-2003	DILLON; Douglas M. et al.	
	009	US6862684	03-01-2005	DIGIORGIO; Rinaldo.	
	010	US6959384	10-25-2005	SERRET-AVILA; Xavier.	
	011	US7069436	06-27-2006	AKACHI; Masateru.	
	012	US7181620	02-20-2007	HUR; Matthew.	
	013	US20020014159	02-07-2002	TATSUMI; Yasuo. et al.	
	014	US20020071558	06-13-2002	PATEL; Sarvar.	
	015	US20020076195	06-20-2002	NAKAJIMA; Yasuhisa. et al.	
	016	US20020102964	08-01-2002	PARK; Hyoung Sun.	
	017	US20030030581	02-13-2003	ROY; Aioke.	
	018	US20030031322	02-13-2003	BECKMANN; Mark. et al.	
	019	US20030087653	05-08-2003	LEUNG; Nikolai K.N. et al.	
	020	US20030123669	07-03-2003	KOUKOULIDIS; Vassilios. et al.	

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	021	US20030126440	07-03-2003	GO; Naomi. et al.	
	022	US20030135748	07-17-2003	YAMADA; Kazuhiro. et al.	
	023	US20030217057	11-20-2003	KUROIWA; Minoru. et al.	
	024	US20040151317	08-05-2004	HYYPPA; Timo. et al.	
	025	US20040199474	10-07-2004	RITTER; Rudolf.	
	026	US20040243808	12-02-2004	ISHIGURO; Ryuji. et al.	
	027	US20050063544	03-24-2005	UUSITALO; Ilkka. et al.	
	028	US20050165711	07-28-2005	HAMATSU; Makoto.	
	029	US20050238315	10-27-2005	KATAOKA; Mitsuteru.	
	030	US20070280169	12-06-2007	CAM WINGET; Nancy	

FOREIGN PATENT DOCUMENTS						
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	031	JP2003124927	04-25-2003	SONY CORP		<input checked="" type="checkbox"/>
	032	JP2001136507A	05-18-2001	SONY CORP.		<input checked="" type="checkbox"/>
	033	JP2001177564A	06-29-2001	HITACHI LTD.		<input checked="" type="checkbox"/>

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		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	034	JP2002064785A	02-28-2002	SONY CORP.		<input checked="" type="checkbox"/>
	035	JP2002232418A	08-16-2002	LUCENT TECHNOLOGIES INC.		<input checked="" type="checkbox"/>
	036	JP2003099327A	04-04-2003	AKASE YOICHI.		<input checked="" type="checkbox"/>
	037	JP2003259284A	09-12-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	038	JP2003297015A	10-17-2003	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	039	JP2004048718A	02-12-2004	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	040	JP5216411A	08-27-1993	IBM.		<input checked="" type="checkbox"/>
	041	JP2000513519	10-10-2000	NOKIA TELECOMMUNICATIONS OY.		<input checked="" type="checkbox"/>
	042	JP11510668T	09-14-1999	ICO SERVICES LTD.		<input checked="" type="checkbox"/>
	043	JP2002505458T	02-19-2002	TELEFONAKTIEBOLAGET ERICSSON LM.		<input checked="" type="checkbox"/>
	044	JP2002521879T	07-16-2002	CANAL SOCIETE ANONYME.		<input checked="" type="checkbox"/>
	045	JP2003339000A	11-28-2003	NEC CORP.		<input checked="" type="checkbox"/>
	046	KR200130725	04-16-2001	TELEFONAKTIEBOLAGET LM.		<input checked="" type="checkbox"/>
	047	WO0004718A1	01-27-2000	CANAL PLUS SA [FR]. ET AL.		<input type="checkbox"/>
	048	WO02080454A2	10-10-2002	QUALCOMM INC [US].		<input type="checkbox"/>
	049	WO2004025895A1	03-25-2004	ERICSSON TELEFON AB L M [SE]. ET AL.		<input type="checkbox"/>
	050	WO9716890A2	05-09-1997	ERICSSON GE MOBILE INC [US].		<input type="checkbox"/>
	051	WO9944114A1	09-02-1999	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>

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		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	052	WO00072609	11-30-2000	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T2
	053	PANNETRAT et al., Authenticating Real-Time Packet Streams And Multicasts, 2002 IEEE. Computers and Communications, 2002. Proceedings. ISCC 2002. Seventh International Symposium on, pp 490 – 495.		
	054	BAUGHER et al: "The Secure Real Time Transport Protocol (Draft 09)" INTERNET ENGINEERING TASK FORCE, AVT WORKING FROUP, INTERNET -DRAFT, July 2003, XP002320685.		
	055	MEIER J.D. et al: "Building Secure ASP.NET Applications: Authentication, Authorization, and Secure Communication: Cryptography and Certificates" MICROSOFT PATTERNS & PRACTICES, November 2002, pages 1-5, XP002321827.		
	056	ASAKA et al., "Dynamic Multicast Routing Using Predetermined Path Search". Technical Report of IEICE (The Institute of Electronics, Information and Communication Engineers), SSE95-56 IN99-37 CS99-78, September 27, 1999.		
	057	TADAUMI, "IP Technology as Communication Infra," The Institute of Electronics Information and Communication Engineers, column 83, No. 4, April 2000, pages 286-294.		
	058	WILLIAM Stallings: "Cryptography and network security: Principles and Practice" Second Edition, 1999, Prentice Hall, New Jersey.		

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